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=> d his

     (FILE 'HOME' ENTERED AT 15:27:56 ON 31 MAY 2006)

     FILE 'REGISTRY' ENTERED AT 15:28:05 ON 31 MAY 2006
L1              STRUCTURE UPLOADED
L2            0 S L1
L3           19 S L1 FULL

     FILE 'HCAPLUS' ENTERED AT 15:37:20 ON 31 MAY 2006
L4            7 S L3
L5            0 S L4 AND MATSUOKA, H?/AU
L6            0 S L4 AND SATO, T?/AU
L7            0 S L4 AND TAKAHASHI, T?/AU
L8            0 S L4 AND KIM, D?/AU
L9         2365 S JUNG, K?/AU
L10           0 S L9 AND L4
L11           0 S L4 AND PARK, C?/AU

     FILE 'CAOLD' ENTERED AT 15:39:18 ON 31 MAY 2006

=> s l3
L12           0 L3

=>
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* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS 4	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS 5	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS 6	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS 7	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS 8	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 9	MAR 22	EMBASE is now updated on a daily basis
NEWS 10	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS 11	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS 12	APR 04	STN AnaVist $500 visualization usage credit offered
NEWS 13	APR 12	LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS 14	APR 12	Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS 15	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected
NEWS 16	MAY 10	CA/CAplus enhanced with 1900-1906 U.S. patent records
NEWS 17	MAY 11	KOREAPAT updates resume
NEWS 18	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS 19	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAplus and USPATFULL/USPAT2
NEWS 20	MAY 30	The F-Term thesaurus is now available in CA/CAplus

NEWS EXPRESS	JUNE 16 CURRENT WINDOWS VERSION IS V8.01b, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 23 MAY 2006.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available after June 2006

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Take survey: http://www.zoomerang.com/survey.zgi?p=WEB2259HNKWTUW

Thank you in advance for your participation.

* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:27:56 ON 31 MAY 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:28:05 ON 31 MAY 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 30 MAY 2006 HIGHEST RN 886115-42-0
DICTIONARY FILE UPDATES: 30 MAY 2006 HIGHEST RN 886115-42-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

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**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,    *
* effective March 20, 2005.  A new display format, IDERL, is now     *
* available and contains the CA role and document type information.  *
*                                                                    *
**********************************************************************
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Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading structure

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR

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=> s l1
SAMPLE SEARCH INITIATED 15:36:26 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    42348 TO ITERATE

  4.7% PROCESSED     2000 ITERATIONS                                0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       834674 TO   859246
PROJECTED ANSWERS:               0 TO        0

L2             0 SEA SSS SAM L1

=> s l1 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 166.50 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 15:36:31 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   848347 TO ITERATE

 86.5% PROCESSED   733689 ITERATIONS                               19 ANSWERS

 98.3% PROCESSED   834112 ITERATIONS                               19 ANSWERS

100.0% PROCESSED   848347 ITERATIONS                               19 ANSWERS
SEARCH TIME: 00.00.43

L3            19 SEA SSS FUL L1

=> file hcaplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                              173.10     173.31

FILE 'HCAPLUS' ENTERED AT 15:37:20 ON 31 MAY 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE COVERS 1907 - 31 May 2006  VOL 144 ISS 23
FILE LAST UPDATED: 30 May 2006  (20060530/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

 This file contains CAS Registry Numbers for easy and accurate
 substance identification.
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=> s l3
L4            7 L3

=> s l4 and matsuoka, h?/au
          2375 MATSUOKA, H?/AU
L5           0 L4 AND MATSUOKA, H?/AU

=> s l4 and sato, t?/au
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L6           0 L4 AND SATO, T?/AU

=> s l4 and takahashi, t?/au
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=> s l4 and kim, d?/au
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=> s jung, k?/au
L9         2365 JUNG, K?/AU

=> s l9 and l4
L10          0 L9 AND L4

=> s l4 and park, c?/au
          8506 PARK, C?/AU
L11          0 L4 AND PARK, C?/AU

=> d l4, ibib abs hitstr, 1-7

L4   ANSWER 1 OF 7  HCAPLUS  COPYRIGHT 2006 ACS on STN
```

Full Text | Citing References

ACCESSION NUMBER: 2005:140666 HCAPLUS
DOCUMENT NUMBER: 142:210949
TITLE: Artificial receptors, building blocks, and methods
INVENTOR(S): Carlson, Robert E.
PATENT ASSIGNEE(S): Receptors Llc, USA
SOURCE: U.S. Pat. Appl. Publ., 72 pp., Cont.-in-part of Appl. No. PCT/US03/05328.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 14
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005037381	A1	20050217	US 2004-813568	20040329
US 2003203405	A1	20031030	US 2002-244727	20020916
WO 2003074990	A2	20030912	WO 2003-US5328	20030219
WO 2003074990	C2	20040122		
WO 2003074990	A3	20040729		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2004137481	A1	20040715	US 2003-703660	20031107
US 2004235051	A1	20041125	US 2003-727059	20031202
US 2005106630	A1	20050519	US 2004-934865	20040903
US 2005118617	A1	20050602	US 2004-934977	20040903
US 2005170385	A1	20050804	US 2004-4593	20041202
US 2006057625	A1	20060316	US 2005-217384	20050901
US 2006051802	A1	20060309	US 2005-223463	20050909

PRIORITY APPLN. INFO.:

US 2002-244727	A2	20020916
WO 2003-US5328	A2	20030219
US 2003-459062P	P	20030328
US 2003-499776P	P	20030903
US 2003-499975P	P	20030903
US 2003-500081P	P	20030903
US 2003-526511P	P	20031202
US 2002-360980P	P	20020301
US 2002-362600P	P	20020308
US 2002-375655P	P	20020426
US 2002-400605P	P	20020802
WO 2003-US305328	A2	20030219
WO 2003-WO305328	A	20030219
US 2003-499752P	P	20030903
US 2003-499867P	P	20030903
US 2003-499965P	P	20030903
US 2003-526699P	P	20031202
US 2003-526703P	P	20031202
US 2003-526708P	P	20031202
US 2003-527190P	P	20031202
US 2004-812850	A2	20040329
US 2004-813568	A2	20040329
US 2004-813612	A2	20040329
WO 2004-US9649	A2	20040329
WO 2004-WO9649	A	20040329
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US 2004-607458P	P	20040903
US 2004-934193	A2	20040903
US 2004-934865	A2	20040903
US 2004-934879	A2	20040903
US 2004-934977	A2	20040903
WO 2004-WO29050	A	20040903
WO 2004-WO29122	A	20040903
US 2004-608557P	P	20040910
US 2004-608654P	P	20040910
US 2004-609160P	P	20040911
US 2004-612666P	P	20040923
US 2004-622086P	P	20041025
US 2004-626770P	P	20041110
US 2004-4593	A2	20041202
US 2005-645582P	P	20050119
US 2005-649729P	P	20050203

AB The present invention relates to artificial receptors and arrays or microarrays of artificial receptors or candidate artificial receptors. Each member of the array includes a plurality of building block compds., which can be immobilized in a spot on a support. The present invention also includes the building blocks, combinations of building blocks, arrays of building blocks, and receptors constructed of these building blocks

together with a support. The present invention also includes methods of making and using these arrays and receptors.

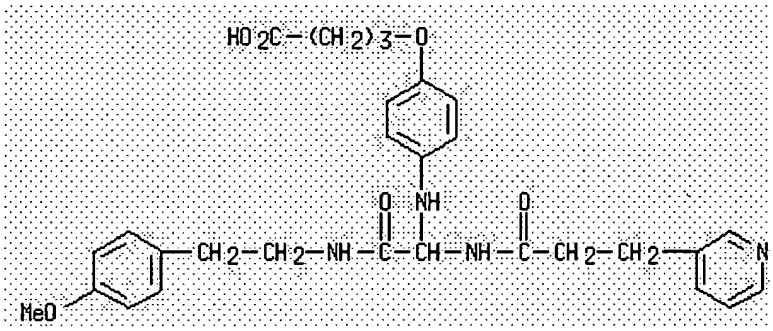
IT **596118-78-4P**

RL: CPN (Combinatorial preparation); CMBI (Combinatorial study); PREP (Preparation)

(methods for combinatorial synthesis and use of artificial receptors and building blocks)

RN 596118-78-4 HCAPLUS

CN Butanoic acid, 4-[4-[[2-[[2-(4-methoxyphenyl)ethyl]amino]-2-oxo-1-[[1-oxo-3-(3-pyridinyl)propyl]amino]ethyl]amino]phenoxy]- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 7 HCAPLUS COPYRIGHT 2006 ACS on STN

Full Text | Citing References

ACCESSION NUMBER: 2003:719694 HCAPLUS
DOCUMENT NUMBER: 139:254455
TITLE: Artificial receptors, building blocks, and methods
INVENTOR(S): Carlson, Robert E.
PATENT ASSIGNEE(S): Receptors LLC, USA
SOURCE: PCT Int. Appl., 145 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 14
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003074990	A2	20030912	WO 2003-US5328	20030219
WO 2003074990	C2	20040122		
WO 2003074990	A3	20040729		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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CA 2477749	AA	20030912	CA 2003-2477749	20030219
AU 2003213204	A1	20030916	AU 2003-213204	20030219
EP 1483578	A2	20041208	EP 2003-709250	20030219
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JP 2005519124	T2	20050630	JP 2003-573401		20030219
CN 1650163	A	20050803	CN 2003-809930		20030219
US 2004096908	A1	20040520	US 2003-703876		20031107
US 2004101446	A1	20040527	US 2003-703779		20031107
US 2004137481	A1	20040715	US 2003-703660		20031107
US 2004096976	A1	20040520	US 2003-706573		20031111
US 2004110303	A1	20040610	US 2003-706505		20031111
US 2004235051	A1	20041125	US 2003-727059		20031202
US 2005037428	A1	20050217	US 2004-812850		20040329
US 2005037381	A1	20050217	US 2004-813568		20040329
US 2005106630	A1	20050519	US 2004-934865		20040903
US 2006057625	A1	20060316	US 2005-217384		20050901
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			US 2002-362600P	P	20020308
			US 2002-375655P	P	20020426
			US 2002-400605P	P	20020802
			US 2002-244727	A1	20020916
			WO 2003-US305328	A2	20030219
			WO 2003-US5328	W	20030219
			US 2003-459062P	P	20030328
			US 2003-499752P	P	20030903
			US 2003-499776P	P	20030903
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			US 2003-499965P	P	20030903
			US 2003-499975P	P	20030903
			US 2003-500081P	P	20030903
			US 2003-526511P	P	20031202
			US 2003-526699P	P	20031202
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			US 2004-812850	A2	20040329
			US 2004-813568	A2	20040329
			US 2004-813612	A2	20040329
			WO 2004-US9649	A2	20040329
			US 2004-607438P	P	20040903
			US 2004-607457P	P	20040903
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			US 2004-626770P	P	20041110
			US 2005-645582P	P	20050119
			US 2005-649729P	P	20050203

OTHER SOURCE(S): MARPAT 139:254455

AB The present invention relates to artificial receptors and arrays or microarrays of artificial receptors or candidate artificial receptors. Each member of the array includes a plurality of building block compds., typically immobilized in a spot on a support. The present invention also includes the building blocks, combinations of building blocks, arrays of building blocks, and receptors constructed of these building blocks together with a support. The present invention also includes methods of making and using these arrays and receptors.

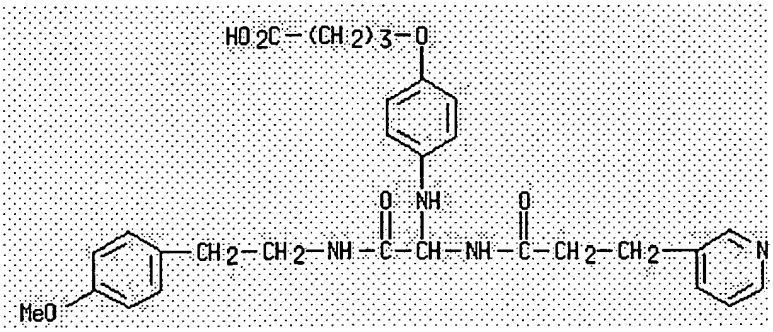
IT **596118-78-4P**

RL: CPN (Combinatorial preparation); CMBI (Combinatorial study); PREP (Preparation)

(methods for combinatorial synthesis and use of artificial receptors and building blocks)

RN 596118-78-4 HCAPLUS

CN Butanoic acid, 4-[4-[[2-[[2-(4-methoxyphenyl)ethyl]amino]-2-oxo-1-[[1-oxo-3-(3-pyridinyl)propyl]amino]ethyl]amino]phenoxy]- (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 7 HCAPLUS COPYRIGHT 2006 ACS on STN

Full Text | Cited References

ACCESSION NUMBER: 2002:256223 HCAPLUS
DOCUMENT NUMBER: 136:295089
TITLE: Preparation of amino acid aromatic derivatives with HIV integrase inhibitory properties
INVENTOR(S): N'zemba, Blaise Magloire; Sauve, Gilles; Sevigny, Guy; Yelle, Jocelyn
PATENT ASSIGNEE(S): Pharmacor, Inc., Can.
SOURCE: PCT Int. Appl., 173 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002026697	A2	20020404	WO 2001-CA1367	20010925
WO 2002026697	A3	20020516		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2321348	AA	20020327	CA 2000-2321348	20000927
AU 2001095310	A5	20020408	AU 2001-95310	20010925
US 6528655	B1	20030304	US 2001-963329	20010926
PRIORITY APPLN. INFO.:			CA 2000-2321348 A	20000927
			WO 2001-CA1367 W	20010925

OTHER SOURCE(S): MARPAT 136:295089

AB Amino acid derivs. R1CO-A-CONHR2 [A = NR3CR4R5, where R3, R4 = H or Me; R5 = H, alkyl, carboxyalkyl, benzyl, MeSCH2CH2, 1-indolylmethyl, 3,4-(HO)2C6H2CH2, etc.; R3R4 may be trimethylene, which may be substituted; R1, R2 are certain rings (Ph, 3-pyridyl, 2-quinolyl, 2-thienyl, etc.), which may be substituted and attached to alkyl; R2 may also be aroylamino] were prepd. as inhibitors of HIV integrase. Thus, N-[Nα-(3,4-dihydroxybenzoyl)-Nτ-trityl-L-histidinyl]dopamine was prepd. by coupling of Nα-(9-fluorenylmethoxycarbonyl)-Nτ-trityl-

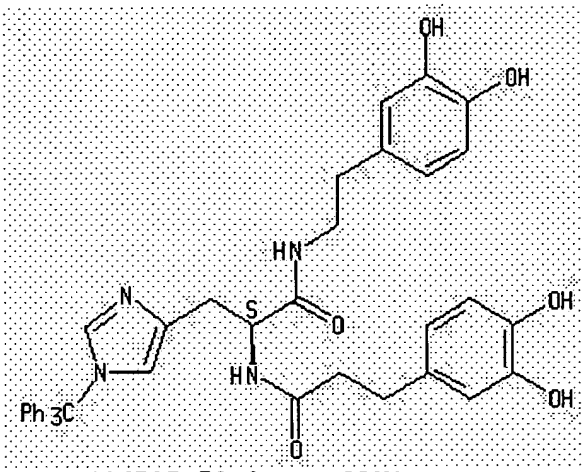
L-histidine with dopamine hydrochloride, deprotection, and acylation with 3,4-dihydroxybenzoic acid and showed anti-integrase activity IC50 = 65 nM.

IT **406727-71-7P 406727-72-8P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of amino acid arom. derivs. with HIV integrase inhibitory properties)

RN 406727-71-7 HCAPLUS

CN 1H-Imidazole-4-propanamide, N-[2-(3,4-dihydroxyphenyl)ethyl]-α-[[3-(3,4-dihydroxyphenyl)-1-oxopropyl]amino]-1-(triphenylmethyl)-, (αS)- (9CI) (CA INDEX NAME)

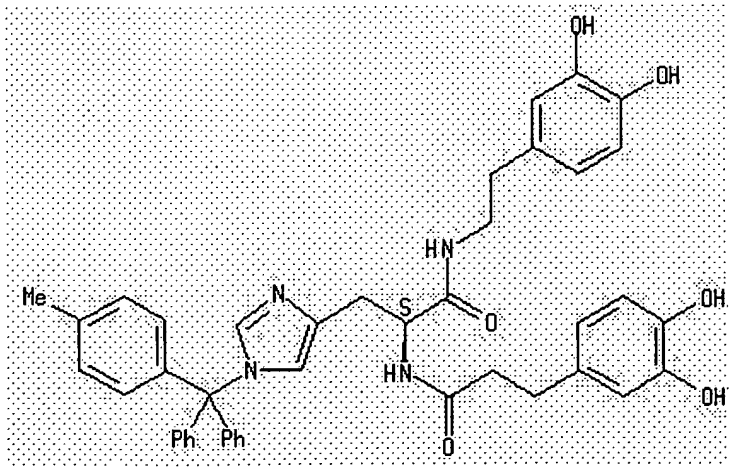
Absolute stereochemistry.



RN 406727-72-8 HCAPLUS

CN 1H-Imidazole-4-propanamide, N-[2-(3,4-dihydroxyphenyl)ethyl]-α-[[3-(3,4-dihydroxyphenyl)-1-oxopropyl]amino]-1-[(4-methylphenyl)diphenylmethyl]-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 4 OF 7 HCAPLUS COPYRIGHT 2006 ACS on STN

Full Text | Citing References

ACCESSION NUMBER: 2002:237355 HCAPLUS
DOCUMENT NUMBER: 136:263476
TITLE: Preparation of hydroxyphenyl derivatives with HIV

integrase inhibitory properties
INVENTOR(S): Sauve, Gilles; Yelle, Jocelyn
PATENT ASSIGNEE(S): Pharmacor Inc., Can.
SOURCE: U.S., 36 pp., Cont.-in-part of U.S. Ser. No. 280,569, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6362165	B1	20020326	US 2000-534615	20000327
PRIORITY APPLN. INFO.:			US 1999-280569	B2 19990330

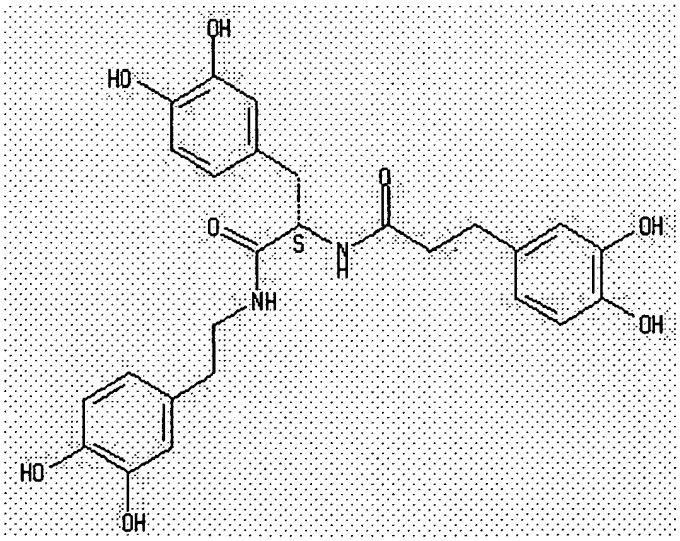
OTHER SOURCE(S): MARPAT 136:263476

AB Amino acid hydroxyphenyl derivs. 3,4-(HO)2C6H3-X-NH-W-CO-X'-R and [3,4-(HO)2C6H3CH2CH2NHCOCH(NRaCOR)CH2S]2 [R is Ph substituted by 1-3 OH groups and 0-2 halo group; X, X' = a single bond, C1-4 alkylene or C2-4 alkenylene; Ra = H, Me; W = -A-CO(A'CO)n-, where n = 0 or 1 and A, A' are -NRaCRbRc- (Ra, Rb = H, Me; Rc = H, Me, Me2CH, PHCH2, HO2CCH2, 3-indolylmethyl, 3-guanidylpropyl, 3,4-dihydroxybenzyl, etc. or RaRc together form an azole ring which may be substituted by hydroxy) (with provisos)] were prepd. as inhibitors of HIV integrase. Thus, N-[N-(3,4-dihydroxybenzoyl)glycyl]dopamine, prepd. from glycine tert-Bu ester via coupling with 3,4-dihydroxybenzoic acid and dopamine, showed anti-integrase activity IC50 = 100 μM.

IT **300409-28-3P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of amino acid hydroxyphenyl derivs. with HIV integrase inhibitory properties)

RN 300409-28-3 HCAPLUS
CN Benzenepropanamide, N-[2-(3,4-dihydroxyphenyl)ethyl]-α-[[3-(3,4-dihydroxyphenyl)-1-oxopropyl]amino]-3,4-dihydroxy-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 7 HCAPLUS COPYRIGHT 2006 ACS on STN

Full Text | Citing References

ACCESSION NUMBER: 2000:725598 HCAPLUS
DOCUMENT NUMBER: 133:282085
TITLE: Preparation of hydroxyphenyl derivatives with HIV integrase inhibitory properties
INVENTOR(S): Sauve, Gilles; Yelle, Jocelyn
PATENT ASSIGNEE(S): Pharmacor Inc., Can.
SOURCE: PCT Int. Appl., 122 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000059867	A1	20001012	WO 2000-CA327	20000327
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2267657	AA	20000930	CA 1999-2267657	19990330
CA 2302144	AA	20000930	CA 2000-2302144	20000327
EP 1165492	A1	20020102	EP 2000-913980	20000327
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				

PRIORITY APPLN. INFO.:

CA 1999-2267657	A	19990330
US 1999-280569	A	19990330
WO 2000-CA327	W	20000327

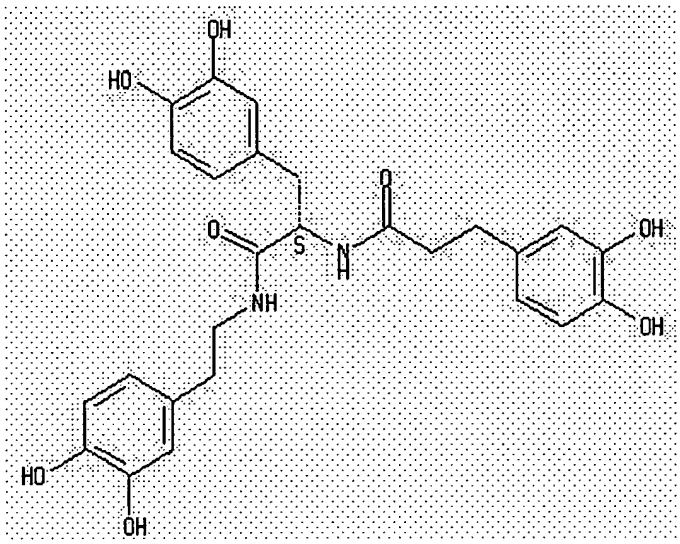
OTHER SOURCE(S): MARPAT 133:282085

AB Amino acid hydroxyphenyl derivs. 3,4-(HO)2C6H3-X-NH-W-CO-X'-R and [3,4-(HO)2C6H3CH2CH2NHCOCH(NRaCOR)CH2S]2 [R is Ph substituted by 1-3 OH groups and 0-2 halo group; X, X' = a single bond, C1-4 alkylene or C2-4 alkenylene; Ra = H, Me; W = -A-CO(A'CO)n-, where n = 0 or 1 and A, A' are -NRaCRbRc- (Ra, Rb = H, Me; Rc = H, Me, Me2CH, PHCH2, HO2CCH2, benzyloxycarbonyl, 3-indolylmethyl, 3-guanidylpropyl, 3,4-dihydroxybenzyl, etc. or RaRc together form an azole ring which may be substituted by hydroxy), -NRaCRbRcCH2-, -NRaCRbRcCH2CH2] were prepd. as inhibitors of HIV integrase. Thus, N-[N-(3,4-hydroxybenzoyl)glycyl]dopamine, prepd. from glycine tert-Bu ester via coupling with 3,4-dihydroxybenzoic acid and dopamine, showed anti-integrase activity IC50 = 100 μM.

IT **300409-28-3P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of hydroxyphenyl derivs. with HIV integrase inhibitory properties)

RN 300409-28-3 HCAPLUS
CN Benzenepropanamide, N-[2-(3,4-dihydroxyphenyl)ethyl]-α-[[3-(3,4-dihydroxyphenyl)-1-oxopropyl]amino]-3,4-dihydroxy-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 7 HCAPLUS COPYRIGHT 2006 ACS on STN

Full Text | Citing References

ACCESSION NUMBER: 1998:661011 HCAPLUS
DOCUMENT NUMBER: 130:76286
TITLE: NPY Y1 antagonists: structure-activity relationships of arginine derivatives and hybrid compounds with arpromidine-like partial structures
AUTHOR(S): Aiglstorfer, Iris; Uffrecht, Anka; Gessele, Karin; Moser, Christiane; Schuster, Andreas; Merz, Stefanie; Malawska, Barbara; Bernhardt, Gunther; Dove, Stefan; Buschauer, Armin
CORPORATE SOURCE: Institute of Pharmacy, University of Regensburg, Regensburg, D-93040, Germany
SOURCE: Regulatory Peptides (1998), 75-76, 9-21
CODEN: REPPDY; ISSN: 0167-0115
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English

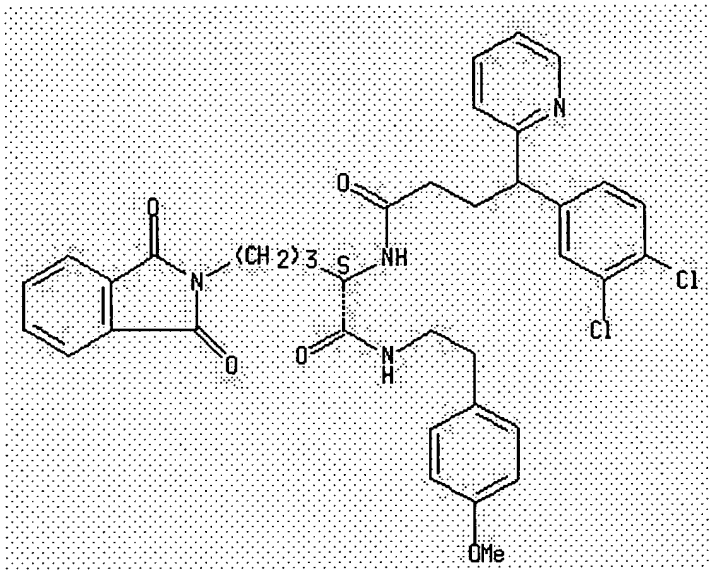
AB Previously, ω-guanidino- and ω-aminoalkanamides, structurally derived from arpromidine-like histamine H2 receptor agonists, were reported as novel neuropeptide Y Y1 antagonists. Regardless of the backbone, they resemble BIBP 3226, an argininamide with high NPY Y1 receptor affinity and selectivity, with respect to nature and arrangement of the 'terminal' diaryl, guanidine, and hydroxyphenyl groups. Hybrid compds. were synthesized combining the argininamide backbone of BIBP 3226 or partial structures derived from the C-terminal dipeptide of NPY with characteristic substructures of arpromidine- or amide-type NPY antagonists. Addnl., some analogs of BIBP 3226 with reduced flexibility were prepd. Structure-activity relationships indicate that, in contrast to alkanamides, homologs and/or isomers of BIBP 3226 with vicinal arrangement of the Ph rings have decreased Y1 antagonistic activity (Ca2+-assay in HEL cells). Replacement of the hydroxybenzyl group by an imidazole ring further decreases activity. It is concluded that the binding sites of NPY antagonists with one and with two basic groups are not identical. Analogs with a rigid tetrahydro-2-benzazepine or an indan

group in place of the benzyl moiety in BIBP 3226 are active, indicating the role of the OH group and supporting the model proposed for the interaction of BIBP 3226 with the Y1 receptor.

IT **218793-28-3P 218793-31-8P 218793-45-4P 218793-47-6P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; neuropeptide Y Y1 receptor antagonists and structure-activity relationships of arginine derivs. and hybrid compds. with arpromidine-like partial structures)

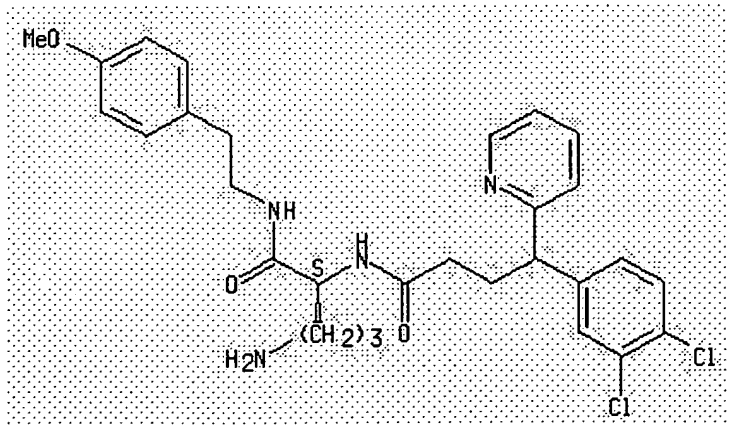
RN 218793-28-3 HCAPLUS
CN 2H-Isoindole-2-pentanamide, α-[[4-(3,4-dichlorophenyl)-1-oxo-4-(2-pyridinyl)butyl]amino]-1,3-dihydro-N-[2-(4-methoxyphenyl)ethyl]-1,3-dioxo-, (αS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 218793-31-8 HCAPLUS
CN 2-Pyridinebutanamide, N-[(1S)-4-amino-1-[[[2-(4-methoxyphenyl)ethyl]amino]carbonyl]butyl]-γ-(3,4-dichlorophenyl)- (9CI) (CA INDEX NAME)

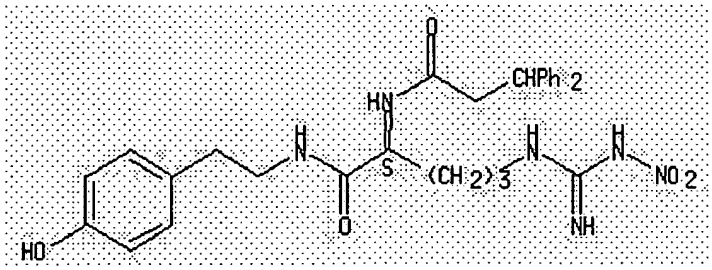
Absolute stereochemistry.



RN 218793-45-4 HCAPLUS
CN Benzenepropanamide, N-[(1S)-1-[[[2-(4-hydroxyphenyl)ethyl]amino]carbonyl]-4-[[imino(nitroamino)methyl]amino]butyl]-β-phenyl- (9CI) (CA INDEX

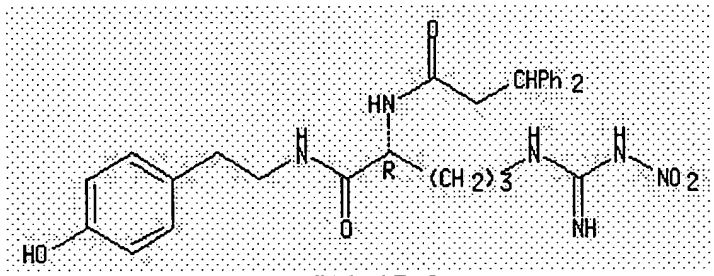
NAME)

Absolute stereochemistry.



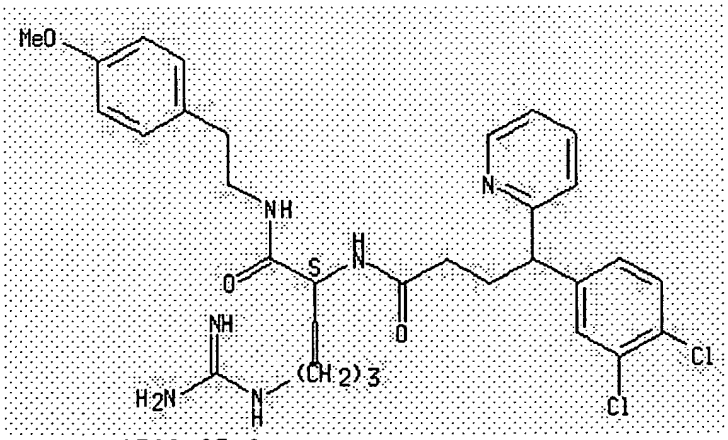
RN 218793-47-6 HCAPLUS
CN Benzenepropanamide, N-[(1R)-1-[[[2-(4-hydroxyphenyl)ethyl]amino]carbonyl]-4-[[imino(nitroamino)methyl]amino]butyl]-β-phenyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



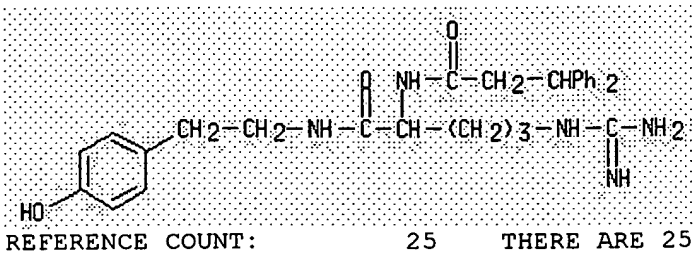
IT **218792-94-0P 218792-97-3P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(neuropeptide Y Y1 receptor antagonists and structure-activity relationships of arginine derivs. and hybrid compds. with arpromidine-like partial structures)
RN 218792-94-0 HCAPLUS
CN 2-Pyridinebutanamide, N-[(1S)-4-[(aminoiminomethyl)amino]-1-[[[2-(4-methoxyphenyl)ethyl]amino]carbonyl]butyl]-γ-(3,4-dichlorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 218792-97-3 HCAPLUS
CN Benzenepropanamide, N-[4-[(aminoiminomethyl)amino]-1-[[[2-(4-hydroxyphenyl)ethyl]amino]carbonyl]butyl]-β-phenyl- (9CI) (CA INDEX

NAME)

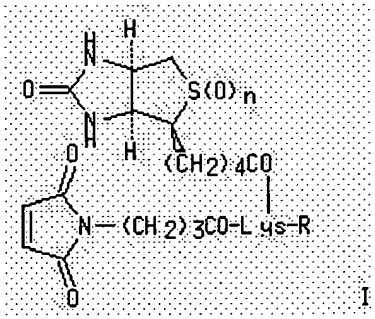


REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 7 HCAPLUS COPYRIGHT 2006 ACS on STN

Full Text | Cited References

ACCESSION NUMBER: 1995:620466 HCAPLUS
DOCUMENT NUMBER: 123:257350
TITLE: Trifunctional reagents for derivatizing sulfhydryl groups
AUTHOR(S): Finn, Frances M.; Yamanouchi, Keitaro; Titus, Gail; Hofmann, Klaus
CORPORATE SOURCE: Dep. Med., Univ. Pittsburgh, Pittsburgh, PA, 15261, USA
SOURCE: Bioorganic Chemistry (1995), 23(2), 152-68
CODEN: BOCMBM; ISSN: 0045-2068
PUBLISHER: Academic
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



AB The syntheses of four trifunctional reagents I (n = 0, 2, R = NHCH2CH2C6H4OH-4; n = 0, R = Tyr-OH, NHCH2CH2NHCOCH2CH2C6H4OH-4) for alkylating sulfhydryl groups in proteins are described. Each reagent I contains a maleimide function capable of reacting with SH groups, a p-hydroxyphenyl group that can be iodinated, and a "biotin handle" to facilitate purifn. of the derivatized proteins or peptides derived from them by biotin-avidin affinity chromatog. Detailed conditions for obtaining the pure diiodo derivs. of I have been developed. The biotin is attached to all the reagents via the ε-amino group of lysine (biocytin) to provide sufficient space for optimum binding to avidin. The half-times (t1/2) for dissocn. of I (n = 0, R = CH2CH2C6H4OH-4) from succinoyl avidin (36.7 days), monoiodo (26.1 days) and diiodo derivs. (21.4 days), and sulfone I (n = 2, R = NHCH2CH2C6H4OH-4) (29.8 days), demonstrate that iodination does not significantly interfere with binding of the biotin residue to succinoyl avidin and that these reagents can be used effectively as affinity ligands. Remarkably, all the reagents I can

be iodinated without loss of the sulfhydryl alkylating capacity. Alkylation of highly purified human placental insulin receptor with the di-iodo derivs. of the reagents results in significant incorporation of 125I into the b-subunit of the receptor and the alkylation was prevented by prior exposure of the receptor to NEM. The advantages of these reagents over those previously available are that the parent mols. (1) are inexpensive to prep., (2) are solids that can be stored indefinitely without degrdn., (3) and can be radiolabeled to specific activity levels over seventy times higher with 125I than the specific activity available for 3H derivs.

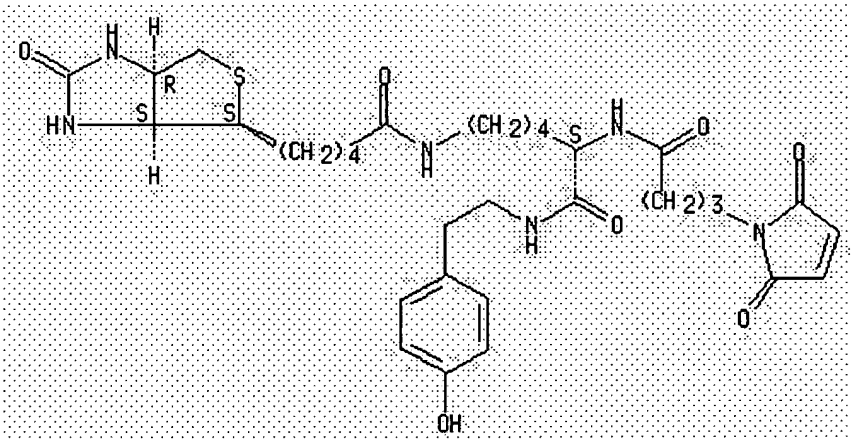
IT **168639-58-5P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of trifunctional reagents for derivatizing protein sulfhydryl groups)

RN 168639-58-5 HCAPLUS

CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, N-[5-[[4-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-1-oxobutyl]amino]-6-[[2-(4-hydroxyphenyl)ethyl]amino]-6-oxohexyl]hexahydro-2-oxo-, [3aS-[3aα,4β(R*),6aα]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



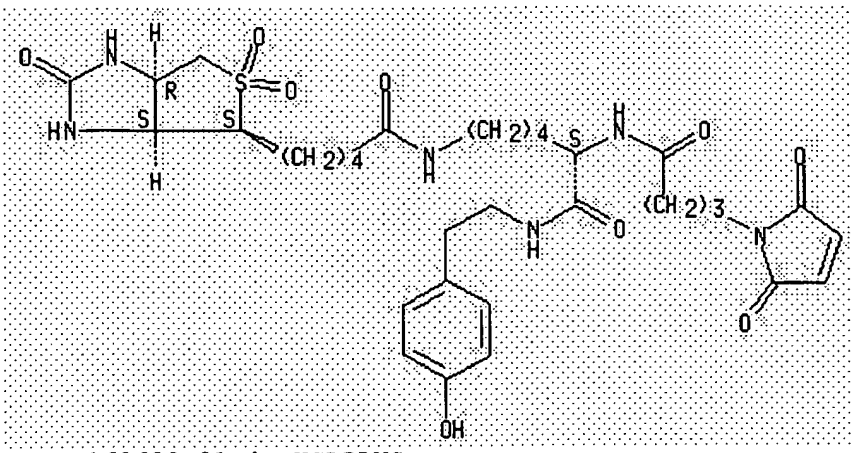
IT **168639-67-6P 168639-81-4P 168639-82-5P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(prepn. of trifunctional reagents for derivatizing protein sulfhydryl groups)

RN 168639-67-6 HCAPLUS

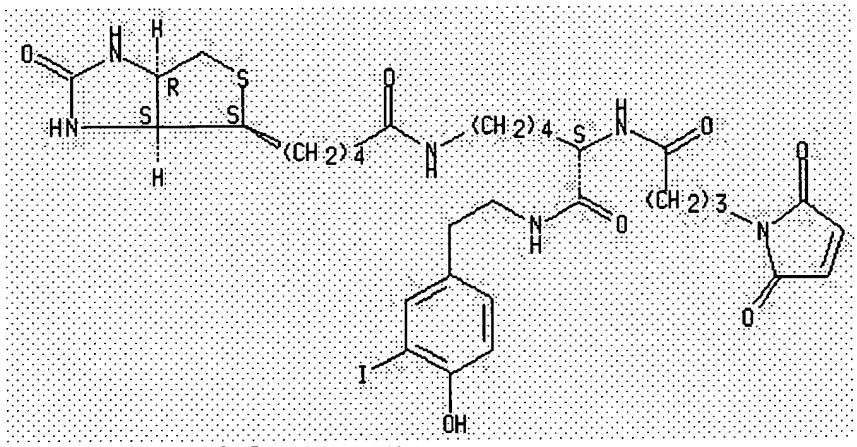
CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, N-[5-[[4-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-1-oxobutyl]amino]-6-[[2-(4-hydroxyphenyl)ethyl]amino]-6-oxohexyl]hexahydro-2-oxo-, 5,5-dioxide, [3aS-[3aα,4β(R*),6a.alpha.]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



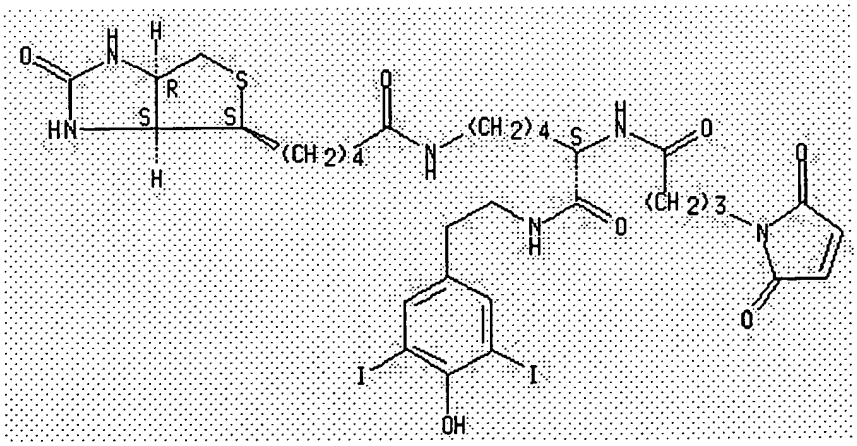
RN 168639-81-4 HCAPLUS
CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, N-[5-[[4-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-1-oxobutyl]amino]-6-[[2-(4-hydroxy-3-iodophenyl)ethyl]amino]-6-oxohexyl]hexahydro-2-oxo-, [3aS-[3aα,4β(R*),6aα]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 168639-82-5 HCAPLUS
CN 1H-Thieno[3,4-d]imidazole-4-pentanamide, N-[5-[[4-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-1-oxobutyl]amino]-6-[[2-(4-hydroxy-3,5-diiodophenyl)ethyl]amino]-6-oxohexyl]hexahydro-2-oxo-, [3aS-[3aα,4β(R*),6aα]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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